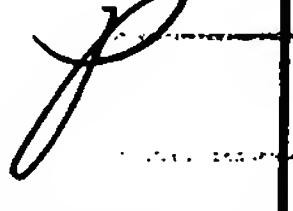


# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

**PCT**

To:  KILBURN & STRODE Attn. Rees, David Christopher 20 Red Lion Street London WC1R 4PJ UNITED KINGDOM	in 2004    F/E:
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## NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

Applicant's or agent's file reference  DCR/P33696WO	Date of mailing (day/month/year)  25/06/2004
International application No.  PCT/GB 03/04873	FOR FURTHER ACTION      See paragraphs 1 and 4 below  International filing date (day/month/year)  10/11/2003
Applicant  STATOIL ASA	

1.  The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Fascimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2.  The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3.  With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority  European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016
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Authorized officer  Véronique Baillou
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# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  DCR/P33696WO	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No.  PCT/GB 03/04873	International filing date (day/month/year)  10/11/2003	(Earliest) Priority Date (day/month/year)  13/11/2002
Applicant  STATOIL ASA		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 7 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

#### 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :
  - contained in the international application in written form.
  - filed together with the international application in computer readable form.
  - furnished subsequently to this Authority in written form.
  - furnished subsequently to this Authority in computer readable form.
  - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
  - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished
- 2.  Certain claims were found unsearchable (See Box I).
- 3.  Unity of invention is lacking (see Box II).
- 4. With regard to the title,
  - the text is approved as submitted by the applicant.
  - the text has been established by this Authority to read as follows:

#### 5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

#### 6. The figure of the drawings to be published with the abstract is Figure No.

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

 None of the figures.

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB 03/04873

### Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-57

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-57

catalyst comprising cobalt on alumina and its use in  
Fischer-Tropsch synthesis of hydrocarbons

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2. claims: 58-63

catalyst support defined by particle size and pore size

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/04873

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J35/10 B01J35/02 B01J23/75 C07C1/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 736 326 A (SASTECH PTY LTD) 9 October 1996 (1996-10-09) cited in the application page 3, lines 13-31; figures 2,3; examples 60-65 -----	1-57
A	US 6 075 062 A (CHAUMETTE PATRICK ET AL) 13 June 2000 (2000-06-13) example 10 -----	1-57
A	WO 01/62381 A (LOK MARTIN CORNELIS ;ICI PLC (GB); BAILEY STEPHEN (GB); GRAY GAVIN) 30 August 2001 (2001-08-30) example 3 -----	1-57
A	US 5 639 798 A (CARR NORMAN L ET AL) 17 June 1997 (1997-06-17) the whole document -----	1-57
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

5 March 2004

Date of mailing of the international search report

25.05.04

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Jourdan, A

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/04873

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 129 776 A (INST FRANCAIS DU PETROL ;ENITECNOLOGIE SPA (IT); ENI SPA (IT); AGI) 5 September 2001 (2001-09-05) the whole document -----	1-57
A	WO 00/20116 A (BERGE PETER JACOBUS VAN ;LOOSDRECHT JAN VAN DE (ZA); SIGWEBELA BUL) 13 April 2000 (2000-04-13) the whole document -----	1-57
P,A	WO 02/089978 A (SUD CHEMIE INC) 14 November 2002 (2002-11-14) the whole document -----	1-57

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/04873

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0736326	A	09-10-1996	AT AU AU CA DE DE DK EP ES GR NO NZ PT RU US ZA	203929 T 694010 B2 5050096 A 2173515 A1 69614294 D1 69614294 T2 736326 T3 0736326 A1 2160211 T3 3036807 T3 961387 A 286309 A 736326 T 2165789 C2 5733839 A 9602759 A		15-08-2001 09-07-1998 17-10-1996 08-10-1996 13-09-2001 07-02-2002 01-10-2001 09-10-1996 01-11-2001 31-01-2002 08-10-1996 19-12-1997 28-12-2001 27-04-2001 31-03-1998 07-10-1996
US 6075062	A	13-06-2000	IT CA DE DE EP JP NO CN WO ES ID RU	MI971574 A1 2264534 A1 69802497 D1 69802497 T2 0935497 A1 2001500430 T 990985 A 1107535 B 9901218 A1 2164451 T3 29207 A 2207188 C2		04-01-1999 14-01-1999 20-12-2001 16-05-2002 18-08-1999 16-01-2001 26-04-1999 07-05-2003 14-01-1999 16-02-2002 09-08-2001 27-06-2003
WO 0162381	A	30-08-2001	AU EP WO US	3213401 A 1257358 A1 0162381 A1 2003032684 A1		03-09-2001 20-11-2002 30-08-2001 13-02-2003
US 5639798	A	17-06-1997	US	5780381 A		14-07-1998
EP 1129776	A	05-09-2001	IT CA CN EP ID NO US US ZA	MI20000409 A1 2337457 A1 1316298 A 1129776 A1 29553 A 20011008 A 2003203981 A1 2001041750 A1 200101714 A		03-09-2001 02-09-2001 10-10-2001 05-09-2001 06-09-2001 03-09-2001 30-10-2003 15-11-2001 30-08-2001
WO 0020116	A	13-04-2000	AT AU AU BR CA CN CZ DE DE EP ES	243561 T 747207 B2 5756399 A 9915344 A 2346258 A1 1322153 T 20011201 A3 69909112 D1 69909112 T2 1119411 A1 2201768 T3		15-07-2003 09-05-2002 26-04-2000 09-10-2001 13-04-2000 14-11-2001 17-10-2001 31-07-2003 24-12-2003 01-08-2001 16-03-2004

**INT'L NATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/GB 03/04873

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0020116	A	WO	0020116 A1	13-04-2000
		JP	2002526241 T	20-08-2002
		NO	20011699 A	05-06-2001
		NZ	510952 A	29-04-2003
		PL	347129 A1	25-03-2002
		RU	2223821 C2	20-02-2004
		US	2001051589 A1	13-12-2001
		ZA	200102782 A	26-08-2002
WO 02089978	A	14-11-2002	EP 1392432 A1	03-03-2004
			WO 02089978 A1	14-11-2002